

ZABOROWSKI, Gustaw

Conditions for the occurring of secondary recrystallization
in 50 % Ni + 50 % Fe alloy. Mechanika Gliwice no.16:83-90 '62.

I. Instytut Metalu Nierdzewnego i Katedra Metaloznawstwa,
Politechnika, Gliwice.

ZABOROWSKI, Constant, NOWINSKI, Ryssard

Effect of cold work and heat treatment on the Curie temperature
and the temperature coefficient of the elasticity modulus of
the Ni-SPAN C Elinvar type alloy. Mechanika Gliwice no 16:
91-95 '62.

1. Instytut Metali Niezelaznych, Gliwice.

ZABOROWSKI, Gustaw, mgr., inż.

Annealing of narrow brass bands. Rudy i metale 6 no.11:488-494 '61.

(Brass) (Tempering)

S/137/62/000/003/124/191
A060/A101

AUTHORS: Zaborowski, G., Joszt, K.

TITLE: Recrystallization processes in brass

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 29, abstract 3I172 ("Rudy i metale niezel," 1960, 5, no. 5, 171-178, Polish; Russian, English, French, and German summaries)

TEXT: The influence of continuous and periodic heating upon the grain size of α -brass under recrystallization is analyzed. An exposition is given of the contemporary views of ordering processes under plastic deformation, recovery processes, primary and cumulative recrystallization, including the theory of nucleation and crystallization kinetics. Formulae are cited, which determine the rate of growth of recrystallization nuclei and of grains under cumulative recrystallization, and also for the activation heats of these processes, as well as the literature data as to the value of the indicated recrystallization parameters for commercial α -brass. Processes of origination of texture deformation and recrystallization are considered, and information on the deformation textures and recrystallization of α -brass, and orientational relations between them is given. There are 28 references.

A. Babareko

[Abstracter's note: Complete translation]

Card 1/1

ZABOROWSKI, J.

"Problem of Calculating Costs of Geodetic Works." P. 135,
(PRZEGLAD GEODEZYJNY, Vol. 10, No. 5, May 1954. Warszawa,
Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

ZABOROWSKI, J.

Prices and prime costs. p. 249. ACTA PHYSICA POLONICA.
Warszawa. Vol 12, No. 7, July 1956.

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

ZABOROWSKI, J.

ZABOROWSKI, J. Some problems of estimating real costs of geodetic production.
p. 326.

Vol. 12, no. 9, Sept. 1956
PRZEGLAD GEODEZYJNY
SCIENCE
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

ADAMCZAK, Jerzy; MACHON, Marian; ZABOROWSKI, Zbigniew

Neuropatic ossifications. Polskie arch. med. wewn. 32 no.5:485-
492 '62.

1. Z Kliniki Radiologicznej AM we Wrocławiu Kierownik: prof. dr med.
Z. Kubakiewicz.

(OSSIFICATION) (NEUROLOGY)
(JOINTS dis)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2

ZABORSHCHIKOV, F.Ya.; FEDYAKINA, N.I.

Relationship of polar auroras, radio wave propagation and magnetic
and ionospheric disturbances. Probl. Arkt. no.2:149-159 '57.

(NIRA 11:12)

(Auroras)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

VELLI, Yu.Ya., kand. tekhn. nauk; DOKUCHAYEV, V.V., kand. tekhn. nauk; FEDOROV, N.F., doktor tekhn. nauk; Prinimali uchastiye: DYUKOV, A.B., inzh.; STEPANOV, K.V., inzh.; NOVITSKIY, M.I., inzh.; AGA, M.M., kand. tekhn. nauk; SAKHAROV, I.V.; VOLKOV, V.N., inzh.; ZABORSHCHIKOV, O.V., inzh.; RYBAKOVA, V.G.; ZOLOTAR', I.A., kand. tekhn.nauk, nauchn. red.; KOSTANDOV, A.I., red.izd-va; CHERKASSKAYA, F.T., tekhn. red.

[Buildings and structures in the Far North] Zdaniia i sooruzheniya na Krainem Severe; spravochnoe posobie. Lenin-grad, Gosstroizdat, 1963. 490 p. (MIRA 17:2)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2

ZABORSTIN, A. P.

Dynamic resistance of a granulated sugar layer in bins. Khar.
Prot. no. 3:36-39 Jl-S '65.
(MIRA 18;9)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

ZABORSKAYA, I.V.

Cytospectrophotometric study of the DNA content in polymuclear
cells of the mesothelium. Tsitologiya 7 no.5:621-627 S-0 '65.
(MIFRA 18:12)

1. Laboratoriya tsitologii Instituta morfologii zhivotnykh AN
SSSR; 2. Laboratoriya gistokhimii Instituta morfologii cheloveka
AMN SSSR, Moskva. Submitted June 23, 1964.

KOLAEVSKAYA, O.P.; DIMITREVA, V.P.; ZAFODKINA, I.Y.; GORELOVA, S.V.

Morphological changes in the internal organs in hypothermia.
Trudy 1-go MNI 33:124-131 '64.

(MIRA 18:3)

KRUSHCHOV, N.G.; ZABORSKAYA, I.V.

Autoradiographic study of DNA synthesis in the case of the direct division of the nucleus in binuclear and polynuclear cells. Dokl. AN SSSR 155 no.6:1435-1436 Ap '64. (MIRA 17:4)

1. Institut morfologii zhivotnykh im. A.N.Savertsova AN SSSR i Institut morfologii cheloveka AMN SSSR. Predstavлено академиком A.N.Bakulevym.

SEREDENKO, M.M., doktor ekon. nauk; ALEKSANDROVA, V.P.; KUGUSHEV, M.P.
[Kuhushev, M.F.]; SHEVCHENKO, Ya.O.; GLAMAZDA, A.D. [Hlamazda,
A.D.]; ZABORSKAYA, Z.M. [Zabors'ka, Z.M.]; KHOTYMCHENKO, M.M.
[Khomychenko, M.M.]; YATIKOV, V.S.; METIVYEV, V.M. [Metivtsev,
V.M.]; CHIRKOV, P.V. [Chyrkov, P.V.]; KHARCHENKO, P.F.;
SOTCHENKO, Z.Ya.; PROFATILOVA, L.M. [Profatylova, L.M.];
MAULIN, M.O.; GORELIK, L.Ye. [Horelik, L.IE.]; RIZHKOV, I.I.
[Ryzhkov, I.I.]; ZHEREBKIN, G.P. [Zhrebkin, H.P.]; KHEMOV,
O.O.; LANDYSH, B.O., red.; ROZENTSVEYG, Ye.N. [Rozentsveih,
IE.N.], tekhn. red.

[Economic efficiency of capital investments and the introduction
of new machinery in industry] Ekonomichna efektyvist' kapital'-
nykh vkladen' i vprovadzhennia novoi tekhniki u promyslovosti.
Kyiv, Vyd-vo Akad. nauk URSR, 1962. 260 p. (MIRA 16:2)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.
(Capital investments) (Technological innovations).

ZABORSKI, F.

Results of the treatment of sero-cavernous pulmonary tuberculosis with
nitrogen mustard with simultaneous application of small doses of bac-
teriostatic drugs. Polski tygod. lek. 8 no.16:590-596 20 Apr 1953.

(CINL 24:5)

1. Of Sanatorium No.2 (Director--M. Juchniewicz, M.D.) in Szklarska
Poreba.

L 26723-66 EWT(m)/EWP(1)/T IJP(c) WW/RM

ACC NR. AR6011676

SOURCE CODE: UR/0081/65/000/016/S030/S031

AUTHOR: Vyakhirev, D. A.; Zabotin, K. P.; Zuyeva, Ye. N.; Troitskiy, B. B.;
Vyshinskiy, N. N.; Nikolayeva, M. V.; Pogrebnaya, T. I.; Fomicheva, I. V.

TITLE: Gas chromatography study of impurities in methylmethacrylate and analysis of
their effect on the process of polymerization

SOURCE: Ref. zh. Khimiya, Abs. 16S214

TOPIC TAGS: methanol, methylmethacrylate, glycol, polymerization rate, molecular weight, monomer

ABSTRACT: With the use of the gas chromatography method on an INZ-500 brick with a selective liquid phase of polyethylene glycol 1000, it has been determined that the basic admixtures in industrial methylmethacrylate are dimethyl ether, methylformate, methylpropionate, methanol, methyl-3-methoxypropionate, and three unidentified substances. An investigation was made of the effect of supplementing the detected admixtures to methylmethacrylate on the polymerization rate and the molecular weight of the polymer obtained by standard methods in emulsion at 40°C. It was shown that up to 2% methanol increases the polymerization rate and the molecular weight. Above 1% methylformate decreases the molecular weight and above 3% decreases the polymerization rate. Methylpropionate sharply decreases the molecular weight and the polymerization rate at a concentration of 0.5 to 1%. Acetaldehyde has no effect on the

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ACC NR: AR6011876

polymerization rate, but it decreases the molecular weight. The addition of poly-methylmethacrylate to a monomer causes an increase in the polymerization rate and a decrease in the molecular weight. Hydroquinone, added to the monomer as the inhibitor, causes a sharp drop of the polymerization rate and the molecular weight. V. Kopylov.
[Translation of abstract]

[HI]

SUB CODE: 11,07/ SUBM DATE: none/

Card 2/2 IV

ZABORSKI, Leszek; ZALESKA-CIECHANOWSKA, Krystyna

The dependence of white color vision upon the light source.
Med. pracy 16 no.2:130-137 '65

1. Z Zakladu Higieny Akademii Medycznej w Gdansku (Kierownik:
prof. dr. W. Boguslawski).

Maboriski, Leszek

Effect of the source of light on color perception. Postępy hig. med.
doz. 18 no.2:349-356 Mr-Ap '64.

1. Z Zakładu Higieny Akademii Medycznej w Gdańsku (Kierownik: prof.
dr. W. Bogusławski).

NESEMEYANOV, A.N.; OUSEVA, L.I.; TIKHONOVA, L.I.; ZABORSKIY, A.K.

Chemical state of atoms resulting from nuclear transformations.
Dokl.AN SSSR 103 no.6:1041-1043 Ag '55. (MIRA 9:1)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
Predstavлено академиком A.N.Frumkinyu.
(Radiochemistry)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2

ZABORSKIY, M.

Bleak; notes of a naturalist. IUN.nat. no.9:36-37 S '60.

(MIRA 14:3)

(Bleak)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

ZABORSKIY, Mikhail

Fishing pictures. IUn.nat. no.5124-26 My '62. (MIRA 15:7)
(Fishing)

ZABORSKIY, Mikhail Aleksandrovich; DANILOVA, M., redaktor; TERYUSHIN, M.,
tekhnicheskiy redaktor

[Hints for the young fisherman] Sovety molodemu rybолову. [Moskva]
Izd-vo TsK VLESN "Molodaia gvardiya," 1956. 126 p. (MIRA 9:11.)
(Fishing)

SHCHERBINA, A.K., prof., doktor veterin.nauk; ZABORSKIY, N.I., red.;
FECHENKIN, I.V., tekhn.red.

[Diseases of pond fishes] Bolezni prudovykh ryb. Moskva,
Izd-vo M-va sel'.khoz.SSSR, 1960. 39 p.

(MIRA 14:1)

(Fishes--Diseases and pests)

TREMBOVEL'SKIY, Dmitriy Ivanovich; DANILOVA, G.V., otvetstv.za vypusk;
ZABORSKIY, N.I., red.; USHKOVA, M.P., tekhn.red.

[Hydraulic ram] Gidravlicheskiy taran. 1958. 9 p. (MIRA 12:3)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1958- .
(Hydraulic rams)

ZABORSKIY, N.I., red.

[Recommendations for flax growing on the collective and state farms in the U.S.S.R.] Rekomendatsii po vozdelyvaniyu l'na-dolgovitsa v kolkhozakh i sovkhozakh SSSR. Moskva, izd-vo "Koles," 1964. 45 p. (MIRA 17:6)

1. Kussia (1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva. Upravleniye nauki, propagandy i vnadreniya peredovogo opyta.

KALNIN'SH, Arvid Ivanovich; ZABORSKIY, N.I., red.

[Protecting wood from decay; "Forestry" pavilion] Zashchita
drevesiny ot gneniya; pavil'on "Lesnoe khoziaistvo." [Moskva,
Izd-vo M-va sel'. kholz. SSSR, 1957] 7 p. (MIRA 11:11)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-.
(Wood--Preservation)

KIRICHENKO, Nikolay Il'ich; GRUSHIN, F.Ye., otv. za vypusk; ZABORSKIY,
N.I., red.

[Electrical stand for breaking in and testing engines] Elektri-
cheskii stend dlia obkatki i ispytaniia dvigateli. Moscow,
Izd-vo M-va sel'.khoz. SSSR, 1958. 19 p. (MIRA 12:1)

1. Moscow. Vsesoyuznaya sel'skokhosyaystvennaya vystavka, 1954- .
(Gas and oil engines) (Electric apparatus and appliances)

ZABORSKIY, V.I. (Rostov-na-Donu)

Visual aid for demonstrating breezes and monsoons. Geog. v shkole
23 no.4:73-74 Jl-4g '60. (MILIA 13:10)
(Metereology--Audio-visual aids)

CHERSTVIN, Viktor Aleksandrovich, kand. sel'khoz. nauk; ZABOROVSKIY,
Ye.P., red.; KHIVRICH, Ye.D., red. izd-va; PARAKHINA, N.L.,
tekhn. red.

[Storing seeds of valuable and fast-growing trees and preparing them for sowing] Khranenie i podgotovka k posevu
semian tsennyykh i bystrorastushchikh drevesnykh porod. Mo-
skva, Goslesbumizdat, 1961. 26 p. (MIRA 14:8)
(Seeds—Storage) (Afforestation)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2

ZABORSIN, A.F.

Sugar outflow through the bin outlets. Khar. prom. no. 1:18-20
Ja-Mr '65. (MIRA 18:4)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

ZABORSKY, Bela, dr.

On the ECG diagnosis of chronic rheumatic fever. Gyermekgyogyaszat
13 no.9:257-262 S '62.

1. Orszagos Kardiologial Intezet Gyermekosztalyanak (igazgato:
Gottsegen Gyorgy dr. egeyetimi tanar) kozlemenye.
(ELECTROCARDIOGRAPHY) (RHEUMATIC HEART DISEASE)

YEFREMOVA, S.V.; GOLUBEVA, I.A., red.; ZABORSKIY, N.I., red.;
PECHENKIN, I.V., tekhn. red.

[For a stable feed supply] Za prochnuiu-kormovuiu bazu;
tematicheskii sbornik. Moskva, 1962. 97 p. (MIRA 16:6)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
Pavil'on "Korma."

(Feeds)

GOTTSEGEN, Gyorgy, dr.; ZABORSZKY, Bela, dr.

On the non-cyanotic form of Fallot's tetralogy. Magy. belorv. arch.
15 nc.4:121-126 Ag '62.

1. Orszagos Kardiologiai Intezet, BOTE IV. Belklinika,
(TETRALOGY OF FALLOT)

CARDIOLOGY

HUNGARY

GOTTSEJEN, Gyorgy, Dr, ROMODA, Tibor, Dr, SZAM, Istvan, Dr, ZABORSZKY, Bela, Dr, CSAKANY, Gyorgy, Dr; Medical University of Budapest, IV. Medical Clinic (Budapesti Orvostudomanyi Egyetem, IV. Belklinika), and National Institute of Cardiology (director: GOTTSZEN, Gyorgy, Dr) (Orszagos Kardiologial Intezet).

"Some Lesser Known Forms of Cardiac Infarot."

Budapest, Orvosi Hetilap, Vol 107, No 36, 4 Sep 66, pages 1688-1692.

Abstract: [Authors' Hungarian summary] Some cases of cardiac infarct involving an unusual etiology or course and diagnosed in the living patient are described. In one case, the origin of the left coronary artery from the pulmonary artery led to necrosis of the myocardium. In two patients, heart catheterization of the right side led to the confirmation of an existing rupture of the ventricular septum; one of them is still alive, 10 years later, in a relatively compensated state. In one case, mitral insufficiency originating from a papillary muscle infarct was successfully diagnosed with the help of phonocardiogram, EKG and radiokinematography. 10 Hungarian, 33 Western references.

1/1

GOTTSEGEN, Gy.; ZABORSZKY, B.

Acyanotic forms of tetralogy of Fallot. Acta med. acad. sci. hung. 18
no.4:405-416 '62.

1. Hungarian Institute of Cardiology, and Fourth Department of Medicine,
University Medical School, Budapest.
(TETRALOGY OF FALLOT)

GOTTSEGEN, Gyorgy, dr.; ZABORSZKY, Bela, dr.

Auricular flutter with 1:1 conduction with Wenckebach periods in
infancy. Orv. hetil. 103 no.45:2133-2135 11 N '62.

1. Orszagos Kardiologial Intezet.
(AURICULAR FLUTTER) (PREDNISOLONE) (ELECTROCARDIOGRAPHY)

BALOGH, Laszlo, dr.; ZABORSZKY, Bela, dr.

Comparative study on infants with enterosolitis. Orv.Hetil.105
no.23;1071-1073 Je 7 '64.

1. Fovarosi Tanacs, Heim Pal Gyermekhaz, I. Csacsemonostaly.

TOMORY, Emilia; SARKOZY, K.; ZABORSZKY, B.

Alteration of Auscultation findings in patent ductus arteriosus.
Acta paediat. acad. sci. Hung. 4 no.3:309-320 '63

1. Heim Pal Children's Hospital (director: dr. J. Sarkany) and
National Institute of Cardiology (director: prof. G. Gottsegen)
Budapest.

ZABORSZKY, Bela, dr.; KARPATTI, Pal, dr.

Diseases simulating rheumatic fever. Orv. hetil. 106 no.5:
219-221 31 Ja '65

1. Az Orszagos Kardiologial Intezet Gyermekosztaly (igaz-
gato: Gottsegen, Gyorgy, dr.)

HUNGARY

GOTTSEGEN, Gyorgy, Dr., ZABORSZKY, Zsila, Dr; National Institute for Cardiology (Orszagos Kardioligiai Intezet).

"1:1 Transmitted Auricular Fibrillation with Wenckebach Periods in Infancy."

Budapest, Orvosi Hetilap, Vol 103, No 45, 11 Nov 62, pages 2133-2135.

Abstract: [Authors' summary] The strong tachycardia observed in a feverish infant for two days proved to be auricular fibrillation. In the beginning each wave was transmitted to the ventricle then, with the gradual delay of the conduction time a periodic systolic beat was skipped. Later 2:1 block arose and finally the normal sinus rhythm returned. The therapeutic effects of corticosteroids seem worthy of mentioning.

[3 Hungarian, 12 Western references]

1/1

ZABORSZKY, Bela, Dr.

ZABORSZKY, Bela, Dr.

Observations on infantile coli enteritis. Orv. hetil. 98 no.38:1044-1046 22 Sept 57.

I. A. Fovarosi Tanacs Bokay Janos Gyermekkorhaza (igazgato: Sarkany Jeno dr.) II. sz. Cecsemesztalyanak (foorvos: Csiglany Floris dr.) koszlemeye.

(ENTERITIS, in inf. & child

E. coli enteritis in inf., clin. observations (Hun))

(ESCHERICHIA COLI, infect.

enteritis in inf., clin. observations (Hun))

TOMORY, Emilia; ZABORSZKY, B.

Prednisone treatment of endocardial fibroelastoses: two years' experience. Acta Paediat Acad Sci Hung 1 no.3:198-198 '60.

1. Children's Department, State Institute of Cardiology, Budapest,
and Cardiac Clinic, P. Heim Children's Hospital, Budapest.

(ENDOCARDIAL FIBROELASTOSIS ther)
(PREDNISONE ther)

ZABORSZKY, B.

The Bland-White-Garland syndrome. Acta paediat. acad. sci. Hung.
5 no.2:217-222 '64.

1. National Institute of Cardiology, Budapest.

BALOGH, Laszlo, dr.; ZALAY, Laszlo, dr.; ZABORSZKY, Bela, dr.

Lactobacterium in the treatment of coli-enteritis in infants.
Orv. hetil. 106 no.36:1702-1703 5 8'65.

1. Heim Pal Gyermekkorhaz, Human Oltoanyagtermelő es Kutato
Intezet.

ZABORSZKY, Zoltan

NOVAK, Janos, dr.; ZOLTAN, Zaborszky, dr.

Experience with the treatment of 730 cases of distortions and contusions of the knee joint without injury of the ligament.
Orv. hetil. 103 no.36:1702-1704 9. S '62.

1. Magyar Nephadsereg Egeszsegugyi Szolgalta.
(KNEE wds & inj)

HUNGARY

ZABORSZKY, Zoltan, Dr., physician-major, DONATH, Antal, Dr., FENYVESI, Agnes; [affiliations not given].

"Treatment of Tibial Fractures by Means of Diafixation."

Budapest, Honvedorvos, Vol XVIII, No 1, Jan-Mar 66, pages 6-9.

Abstract: [Authors' Hungarian summary] The use of diafixation in the treatment of 108 cases of tibial fracture is evaluated. A brief literature survey is followed by the discussion of the principal aspects of diafixation, the technique itself, the equipment needed and the modification introduced at the ward where the authors work. Because of its simplicity and reliability, the method should enjoy a more widespread use. 3 Hungarian references.

1/1

ZABORSZKY, Zoltan, dr.

Application of preserved bones sterilized in betapropiolactone,
based on 105 cases. Orv. hetil. 104 no.46:2183-2184 1' N '63.

1. Magyar Nephadsereg Egeszsegugyi Szolgalata.
(TISSUE BANKS) (BONE TRANSPLANTATION)
(STERILIZATION) (LACTONES) (ANTISEPTICS)

ZABORSZKY, Zoltan, dr.; NOVAK, Janos, dr.

Use of preserved homoplastic skin in deep and extensive burns.
Orv. hetil. 105 no.42;1983-1985 0 18 '64.

ZABORSKY, J.

SCIENCE

ZABORSKY, J.: BOCOLOMANSKY, F. First all-Slovak instruction of the members
of Botanical Action. p. 795.

BIOLOGIA. Vol. 12, no. 10, 1957.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. '58

IL'IN, M.I.; ZVOSKOVA, N.S., starshiy agronom; LEYN, Z.Ya.; ZVIAGINTSEVA,
Ye.I.; MARINICH, P.Ye., red.; ZABORSKIY, N.I., red.; FECHENKIN,
I.V., tekhn. red.

[New corn hybrids Bukovine 3 and Bukovina 2; results of state
crop variety tests] Novye gibridy kukuruzy Bukovinskii 3 i Bu-
kovinskii 2; rezul'taty gosudarstvennogo sortoispytaniia. Moskva,
Izd-vo M-va sel'. kholz. SSSR, 1960. 45 p. (MERA 14:8)

1. Russia(1923- U.S.S.R.) Gosudarstvennaya komissiya po sorto-
ispytaniyu sel'skokhozyaystvennykh kul'tur. 2. Zavedutushchaya
khimicheskoy laboratoriye Gosudarstvennoy komissii po sorto-
ispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'-
skogo khozyaystva SSSR (for Leyn). 3. Zamestitel' predsedatelya
Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystven-
nykh kul'tur pri Ministerstve sel'skogo khozyaystva SSSR (for
Marinich).

(Corn (Maize)—Varieties,

ZABORSKY, B.; KIRALY, L.

Staphylococcal heart disease in children. Acta Paediat. Acad. Sci.
Hung. 2 no.4:269-280 '61.

1. Department of Paediatrics, Institute of Cardiology (Director,
Prof. G.Gottaegeen), and Department of Pathology, Pal Heim Municipal
Hospital for Children (Director, Dr. J.Sarkany).
(ENDOCARDITIS, SUBACUTE BACTERIAL in infancy & childhood)
(MYOCARDITIS in infancy & childhood)

ZABORSZKY, Magda, dr.

Fibroid necrosis in nodular diseases of the leg. Borgyogi, vener.
szemle 37 no.5:220-225 O '61.

1. A Debreceni Orvostudomanyi Egyetem Bor- és Nemikortani Klinikájának
(Igazgató: Szodoray Lajos dr. egyetemi tanár) közleménye.

(VASCULAR DISEASES PERIPHERAL pától)

ZABORSZKY, Magda, dr.

Reverdin's plastic surgery in extensive deep 3d degree burns.
Borgyogy. vener. szemle 37 no. 5:225-228 0 '61.

1. A Debreceni Orvostudomanyi Egyetem Borklinikajának (Igazgató:
Szodoray Lajos dr. egyetemi tanár) közleménye.

(SKIN TRANSPLANTATION) (BURNS surg)

YELAGIN, M. N.; ZABORSKIY, N. I., red.; RESHETIN, G. V., tekhn. red.

[Collection of articles on the subject "Sugar beets as feed for livestock."] Tematicheskii sbornik "Sakharnaya svekla na korm skotu." Moskva, 1962. 114 p. (MIRA 16:6)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
Pavil'on "Korma."
(Sugar beets as feed)

HUNGARY

ZABORSZKY, Zoltan, Dr., physician-major; [affiliation not given].

"New Surgical Procedure for the Treatment of Vascular Injuries."

Budapest, Honvedorvos, Vol XV, No 3, July-Sept 1963, pages 230-233.

Abstract: [Author's Hungarian summary] Experimental observations on the use of a new instrument for the suturing of vessels are described by the author. The results justify the further experimental development of the technique with a later introduction into clinical usage. No references.

1/1

HUNGARY

ZABORSZKY, Zoltan, Dr., physician-major, NOVAK, Janos, Dr., physician-major; [affiliations not given].

"Soft Tissue Injuries in the Knee Joint."

Budapest, Honvedorvos, Vol XV, No 3, July-Sept 1963, pages 217-230.

Abstract: The soft tissue injuries of the knee are classified as: 1. dis-torsions and contusions without rupture of tendons, 2. rupture of tendons, 3. injuries to the meniscus. The clinical picture, diagnosis and treatment of the injuries are described in detail. The article is illustrated by several sketches. Finally, the fitness of the injured for future military service is discussed. No references.

1/1

10

HUNGARY

ZABORSZKY, Zoltan, Dr, physician-major (orvosornagy), GIACINTO, Miklos, Dr, physician-captain (orvosszazzados).

"Treatment of Heart Failure during Surgery in One Successful Case."

Budapest, Honvedorvos, Vol 15, No 1, Jan-Mar 63, pp 48-54.

Abstract: [Authors' Hungarian summary] Oxygen deficiency and carbon dioxide retention, together with toxic and reflex factors, are usually present in the etiology of the cardiac-respiratory syncope. Prophylaxis is made possible by their avoidance. Rapid and purposeful action is decisive; artificial respiration successful within 3-4 minutes, thoracotomy and heart massage, accompanied by blood transfusion and drug treatment. The prognosis depends largely on the rapid initiation of all action. The authors review the practical questions of etiology, diagnosis and therapy and describe a case of heart failure during a traumatological operation which led to a completely successful resuscitation. Of 26 references, about two-thirds are Eastern European, the rest is Western.

1/1

6

ZABORSZKY, Zoltan, dr.

Experience with bone screws in osteosynthesis. Orv. hetill. 103 no.34:
1615-1617 26 Ag '62.

1. Magyar Nephadsereg Egeszsegugyi Szolgalata.
(FRACTURES surg) (BONE AND BONES transpl)

ZABORTSEV, A.F.

Determining the optimal sizes of rafts according to the maximal productivity for one indicated horsepower and the lowest specific expenditure of bracing tackle. Trudy STI 31:31-36 '61. (MIRA 17:3)

ZABORTSEV, Ya. [Zabortsev, IE.]

From Kronstadt to Odessa. Nauka i zhyttia no.11:53 N '61.
(MIRA 14:12)

(Towing)

ZABÓS, J. 1951

(Pharmacol. Inst., U. of Debrecen)

"Metabolism of Nucleic Acids and Nitrogen in Micrococcus Pyrogenes and the Action of Penicillin."

Acta Physiol. (Budapest), 1951 2/1 suppl (59-60)
No abst. in Exc. Med.

ZABOS, P.

VALYI-NAGY, T.; GZOBAN, G.; ZABOS, P.

Effect of penicillin on the nucleic acid metabolism of *Staphylococcus aureus*. Acta microb. hung. 2 no.1-2:79-89 1954.

1. Institute of Pharmacology, University Medical School, Debrecen.

(PENICILLIN, eff.

on nucleic acid metab. in *Micrococcus pyogenes aureus*)

(MICROCOCCUS PYOGENES, metab.

nucleic acid, eff. of penicillin)

(NUCLEIC ACIDS, metab.

Micrococcus pyogenes aureus, eff. of penicillin)

ZABOS, P.

Studies on metabolism of a streptomycin-dependent Escherichia coli strain. Acta physiol. hung. Suppl. no.6:93-94 1954.

I. Chemisches Institut der Medizinischen Universität, Budapest.

(*ESCHERICHIA COLI*, metab.

oxygen consumption by streptomycin-dependent strain)

(METABOLISM

oxygen consumption by streptomycin-dependent *E. coli* strain)

ZABOS, P.

On the mode of action of streptomycin. I. Effect of streptomycin
on the terminal oxidation of *E. coli*. Acta physiol.hung. 18 no.2:
103-111 '60.

1. Institute of Medical Chemistry, Medical University, Budapest.
(STREPTOMYCIN pharmacol)
(ESCHERICHIA COLIA pharmacol)

ZABOS, E.

On the mode of action of streptomycin. II. Effect of streptomycin
on the β -galactosidase synthesis in *E. coli* B cells. Acta physiol.
hung. 18 no.2:113-120 '60.

1. Institute of Medical Chemistry, Medical University, Budapest.
(STREPTOMYCIN pharmacol)
(ESCHERICHIA COLI pharmacol)
(CARBOHYDRASES metab)

ZABOSLAYEVA, T.I.

ZABOSLAYEVA, T.I.

"Prospects for the Organization of a Mud-Health Resort Based at Great Salt Sokryl Lake." Cand Med Sci, Inst Physiology; Inst Regional Pathology; Inst Clinical and Experimental Surgery, Acad Sci Kazakh SSR, Alma-Ata, 1955. (KL, No 17, Apr 55)

SO: Sum.No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

TARCHEVSKY, I. A.; GALEYEVA, S. G.; ZABOTIN, A. I.; ZUZIN, N. A.; NEUSTRUYEVA, S. N.;
SEYANOVA, N. S.

"Photosynthesis and drought."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

Kazan State Univ.

ACCESSION NO.: AR4045751

short time, was markedly decreased, and then completely stopped.
A dose of 100 µg statin showed a 50% concentration at duration
of 2 hours. It had no metabolic activity. The nonspecificity of NH₃
action may be polyfunctional and unknown.

DATE TAKEN: 1/1

ENCL: 20

Card 2/2

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

ZABOTIN, A.P. (Shchelkovo)

Solving and checking the solution of a problem. Mat. v shkole
no.6:73-74 N-D '59. (MIRA 13:3)
(Algebra--Problems, exercises, etc)

ZABOTINA, Zinaida Ivanovna, Gercy Sotsialisticheskogo Truda, master
mashinnogo doyeniya korov, Deputat Verkhovnogo Soveta SSSR;
ZABOTIN, Dmitriy Il'ich, Gercy Sotsialisticheskogo Truda,
master mashinnoho doyeniya korov; KADIYEVA, Ye.V., red.;
PROKOF'YEVA, L.N., tekhn. red.

[We are maintaining 300 cows] Obrsluzhivaem 300 korov. Moskva,
(MIRA 15:10)
Sel'khozizdat, 1962. 62 p.

1. Semeykinskaya ferma sovkhosa "Shuyskiy" Ivanovskoy oblasti
(for Zabotina, Zabotin).
(Ivanovo Province—Dairying)

ZABOTIN, Dmitriy Ilich; ZABOTINA, Zinaida Ivanovna

Two of us milk 300 cows. Nauka i zhystia 12 no.6:41-42 Je '62.
(MIRA 15:7)

1. Sovkhoz "Shuyskiy" Shuyskogo rayona Ivanovskoy oblasti.
(Ukraine--Milking)

PAIKIN, G.A.; KURAMSHIN, T.V.; BATMANOV, B.I.; ZABOTIN, I., redaktor;
RAHMETEV, Kh., spets. redaktor; SHARAFUTDINOVA, N., tekhnicheskiy
redaktor

[House of farm crops on the collective farm] Dom sel'skokhoniaistven-
noi kul'tury v kolkhoze. Kazan', Tatgosizdat, 1952. 190 p. (MIRA 9:8)
(Agriculture--Study and teaching)

ZABOTIN, K., dots., kand.khim.nauk

Acrylic emulsion paints. Stroitel' no.11:22 ' 58. (MIRI 11:12)

1. Glavnyy inzhener tresta Gorskikh kommuinstroy (Gor'kiy).
(Paint)

ZABOTIN, K.; RYABOV, A.

Chemistry for all purposes. Izobr.i rats. no.1:4-5 '64.
(MIRA 17:4)

1. Direktor Nauchno-issledovatel'skogo instituta khimii pri
Gor'kovskom universitete (for Zabotin). 2. Prorektor po nauchnoy
chasti Gor'kovskogo universiteta (for Ryabov).

L 39614-66 EWT(m)/EWP(j)/T IJP(c) WW/RM/GD-2
ACC NR: AR6004375 SOURCE CODE: UR/0081/65/000/015/S027/S028
13
E

AUTHOR: Zabotin, K. P.; Troitskiy, B. B.

TITLE: Effect of alcohols on the emulsion polymerization of acryl and metacryl acid esters

SOURCE: Ref. zh. Khimiya, Abs. 159166

REF SOURCE: Tr. po khimii i khim. tekhnol. Gor'kiy, vyp. 2(10), 1964, 311-316

TOPIC TAGS: polymer, emulsion polymerization, methanol, ethanol, butanol, solubility

ABSTRACT: A study was carried out on the effect of the influence of alcohols (methanol, ethanol, butanol) on the emulsion polymerization (PM) of acrylic and metacrylic acids esters, which differ by their solubility in water. As an emulsifier, MK 0.3% solution in water was used; as an initiator - K-metabisulfite. The ratio: monomer to water was 10:1 (wt). The polymerization was carried out in a dilatometer at 40°. The relationship between the polymerization speeds of the polymers in question and the molecular weights of the polymers, and the concentration of methanol and ethanol are presented by curves with maximums. The speed of PM and the molecular weight of the polymer decrease with a concentration of butanol. The effect of alcohol on the emulsion PM is the stronger the higher the monomer solubility in water and the longer the hydrocarbonic radical of the alcohol molecule.

SUB CODE: 07/ SUBM DATE: none

Card 1/1 MLP

5(1)

SOV/64-59-3-7/24

AUTHORS:

Zabotin, K. P., Morozov, L. A., Kryukov, I. V., Prantinskii, A.A.

TITLE:

Experiment With a Continuous Polymerization of Methylacrylate
in Emulsion (Opyt nepreryvnoy polimerizatsii metylakrilata v
emul'sii)

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 3, pp 30 - 31 (USSR)

ABSTRACT:

Despite of the advantages of a tube reactor for the continuous polymerization (PS) of methylacrylate (I) it was not used in this case, as (P) starts at 72° with the applied initiator (ammonium persulfate), and is followed by an intensive development of gas. A somewhat different system with a cylindric reactor was used which served the purpose of PVC polymerization (Ref 1) (Fig - scheme of the system). For the (P) technical (I) was used with about 93% (I), 0.2% of acid and 0.1-0.2% of hydroquinone. The latter was separated before the (P) by means of a 5% NaOH solution. "Necal" and sulphane served as emulgators. The composition of the reaction compound is given. The polymerization degree of the received product amounted to about 500. Data concerning the viscosity, respectively the (MW) are also given. It is stated that speed and the (P) degree are lower in the continuos (P) than in the periodical

Card 1/2

Experiment With a Continuous Polymerization of
Methylacrylate in Emulsion

SOV/64-59-3-7/24

(P). Data are given of a (P) of (I) according to the continuous method under the application of sulphanoles and various amounts of ammonium sulfate, as well as a (P) of (I) with 0.002% of hydroquinone. The latter showed that the MW of the polymer is increased by a reduction of the hydroquinone content. There are 1 figure and 1 reference.

Card 2/2

AFANAS'YEV, Arseniy Khristoforovich; ZABOTIN, K.P., kand. khim.
nauk, red.; KNYAZEV, V.V., red.

[Chemistry in everyday life] Khimiia v bytu. Gor'kii, Gor'-
kovskoe knizhnoe izd-vo, 1961. 154 p. (MIRA 17:12)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2

ZABOTIN, K.P.; ZHELTOV, V.P.

New aqueous acrylate surface colors. Legkaya Prom. 12, No.2, 32-3 '52.
(MLRA 4:12)
(CA 47 no.18:9619 '53)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

ZABOTIN, K.P.; TROITSKIY, B.B.

Effect of pH and neutral salts on the solubility and solubilization
of acrylic monomers. Trudy po khim.i khim.tekh. no.1:165-167 '63.
(MIRA 17:12)

Effect of oxygen on the emulsion polymerization of acrylic monomers.
Ibid.:168-171

5(3)

06214

807/64-59-6-6/28

AUTHORS: Zabotin, K. P., Morozov, L. A., Kryukov, I. V., Frantinskiy, A. A., Golubev, A. A.

TITLE: Continuous Method of the Copolymerization of Butyl Acrylate With Acrylonitrile in Emulsions

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr. 6, pp 486 - 487 (USSR)

ABSTRACT: The product obtained by the copolymerization mentioned in the title is used in the manufacture of artificial leather, in leather dyeing, etc. Publications mention a semi-continuous method (Ref 1) for this polymerization. Here, a continuous method is described, which has already been proposed for the copolymerization of divinyl with styrene (Ref 2). From the scheme given (Fig) it is seen that a tube reactor is used. The following composition in parts by weight is used as reaction mixture: butyl acrylate: 54, "sulfonol" (emulsifier): 2, ammonium persulfate (as initiator): 0.1, acrylonitrile: 16, water: 100. The reaction mixture was introduced into the reactor at a rate of 1.2 l/h and 1.8 l/h respectively, and the copolymerization was carried out at approximately 80°. In order to prevent

Card 1/2

Continuous Method of the Copolymerization of Butyl Acrylate With Acrylonitrile in Emulsions 06214
SOV/64-19-6-6/28

coagulation of the finished latex 4-7% of ethylene glycol was added. There are 1 figure and 2 references.

Card 2/2

KUTOVSKIY, M.Ya.; ZABOTIN, K.P., kandidat khimicheskikh nauk.

Useful but insufficiently studied book. ("Theoretical principles and practical methods of coating leather with dyes and lacquer." V.I.Eliseeva. Reviewed by M.IA.Kutovskii, K.P.Zabotin). Leg.prem. 15 no.11:44-48 N '55. (MIRA 9:2)

1.Glavnyy inzhener zaveda imeni Kominterna.(for Kutovskiy)
(Leather industry) (Eliseeva, V.I.)

SAVISHCHENKO, A.V.; ZABOTIN, M.P.

Form for making joints in casting concrete ventilating blocks. Rats. 1
izobr. predl. v stroi. no.91:18-19 '54. (MIRA 8:8)

1. Otdel izobratatel'stva i ratsionalizatsii Ministerstva stroitel'stva.
(Concrete construction--Formwork)

ZABOTIN, P.

Ch. R. Darwin on nervous activity in the light of Sechenov-Pavlov theories of higher nervous activity. Nauch. trudy Tash GU no.204: 41-53 '62.

Ch. R. Darwin and irritability in plants as a biological form of reflection. Nauch. trudy Tash GU no.204:93-114 '62.
(MIRA 17:9)

ZABOTIN, P.P.; GLISHYAKOV, S.G.

Memo for the mechanization of work in postal service. Vest.
svyazi 25 no.7:23-23 Jl '65. (MIRA 16:8)

L. Nachal'nik 3ptial'nogo proyektno-konstruktorskogo byuro
Ministerstva svyazi SSSR (for Zabotin).

ZABOTIN, P.F.

The PI80-1 perforator for duplicating totals. Biul.taln.-ekon.
inform. no.4:35-36 '60. (MIM 13:11)
(Punched cards systems)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963320014-2"

ZABOTIN, P.I.

USSR/Inorganic Chemistry. Complex Compounds.

C

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 710

Author : Kozlovskiy, M.T., and Zabotin P.I.

Inst :

Title : On the Role of Bivalent Ions of Chromium in Hastening
the Transition of the Green Modification of Trivalent
Chromium into Violet.

Orig Pub : Izv. ANKaz. SSR, Ser. Khim. 1956, vyp. 10, 40-43

Abstract : The effect of Cr(2) on the rapidity of the transition of
the green modification of the aquocomplex Cr(3) into violet
has been established. The proposition has been made that
this effect is conditioned by the exchange of electrons be-
tween two and three-charge ions of chromium.

Card : 1/1

- 26 -

USCOMM-DC-54553

SOV/137-57-11-22010

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 193 (USSR)

AUTHOR: Zabotin, P. I.

TITLE: On the Mechanism of Electrolytic Reduction of Trivalent Chromium
(K voprosu o mekhanizme elektrovosstanovleniya trekhvalentnogo
khroma)

PERIODICAL: Izv. AN KazSSR, ser. khim., 1957, Nr 1, pp 19-24

ABSTRACT: By the method of plotting of polarization curves, with the simultaneous measurement of current efficiency, a series of problems was examined in relation to the clarification of the role of Cr^{2+} in the process of deposition of metallic Cr during the electrolysis of its solutions. It was found that under reversible conditions the deposition of metallic Cr can be achieved equally well by the discharge of either Cr^{2+} or Cr^{3+} . With an increase in the current density and with an increase in the nonreversibility of the process, the formation of metallic Cr results from the direct discharge of Cr^{3+} in metallic form. It is pointed out that for the successful electrolysis of Cr solutions it is necessary to prevent the decrease in the concentration of Cr^{2+} .

Card 1/1

K. G.

ZABOTIN, P.I.

136-1-7/20

AUTHORS: Kozlovskiy, M.T., Zabotin, P.I., Ilyushchenko, V.M.,
Bukhman, S.P., Nosek, M.V., Sergiyenko, V.Ya. and Malkin,
Ya.Z.

TITLE: Use of an Amalgam Method for Extracting Thallium from
Chimkent Lead Works Dust (Primeneniye amal'gamnogo
metoda k izvlecheniyu talliya iz pley chimkentskogo
svintsovogo zavoda)

PERIODICAL: Tsvetnye Metally, 1958, No.1, pp. 30 - 41 (USSR).

ABSTRACT: The work described was based on theoretical and applied
work on amalgam methods of separating and producing metals at
the Chemical-sciences Institute of the Ac.Sc. KazakSSR
(Institut khimicheskikh nauk AN KazSSR) and the Kazakhsk State
University imeni S.M. Kirov (Kazakhskiy gosudarstvennyy
universitet im. S.M. Kirova) under the direction of M.T. Kos-
lovskiy (Refs. 1-8). The following participated in the work:
A. Zebreva, Candidate of Chemical Sciences, V. Gladyshev of the
University and M. Levanov, V. Prachev, Ye. Rubanova,
M. Shalaginova, G. Nosov and Yu. Stolyarov of the Chimkentsk
Lead Works. K. Simakov and L. Ushkov of the Works helped to
organise the semi full-scale trials and I. Yudevich and
N. Karpenko analysed spectroscopically for thallium and
N. Popova did chemical and polarographic analyses with O. Orsa

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136-1-7/20

Use of an Amalgam Method for Extracting Thallium from Chimkent Lead Works Dust

of the Chemical-sciences Institute of the An KazSSE. Sintering-dust analyses for different periods are tabulated (Table 1) and laboratory-scale experiments with the dust are described. Here, roasting of 20-25 kg batches was carried out at 400 - 500 °C, showing (Fig.1) that an appreciable part of the sulphide sulphur and thallium is eliminated within the first hour at 400 °C. Four-fold leaching of the dust (two 250-g samples) with water at 80 - 90 °C showed (Table 3) that 80-90% of the thallium was extracted in the water, the extraction increasing with temperature. Cementation of thallium with zinc amalgam was carried out on the acidulated extract which was continuously circulated (Fig.3): the results (Table 4) showed that 98-99% extraction of thallium from the solution could be obtained. It was shown that the amalgam (originally 0.36 - 0.40 g/litre Zn, 0.127 g/litre Cd and 108 mg/litre Tl) could be decomposed by anodic oxidation with special electrolytes at current densities of 100 - 50 A/m², the density being gradually reduced as the appropriate metal was removed from the amalgam. The flow-sheet based on the laboratory results (Fig.4) was put into practice in a larger scale plant (Fig.5) at the Chimkensk Works, where it

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Use of an Amalgam Method for Extracting Thallium from Chimkent Lead Works Dust

treated several tons of dust from April to October, 1956 and was used for balance experiments in October of that year. The article gives details of the different stages and balances for the different metals. These show that with the proposed method pure metallic thallium can be obtained with a yield of 65%, about 30% being in returns and 5% being lost. An editorial note invites discussion on the amalgam method.

There are 5 figures, 13 tables and 10 Russian references.

ASSOCIATION: Institute of Chemical Sciences of the Ac. L.S. KazSSR
(Institut khimicheskikh nauk AN KazSSR) and
Chimkent Lead Works (Chimkentskiy svintsovyy zavod)

AVAILABLE: Library of Congress
Card 3/3

ZABOTIN, P.I.

5(2) p.2,3

PHASE I BOOK EXPLOITATION SOV/1699

Akademiya nauk Kazakhskoy SSR. Institut khimicheskikh nauk

Issledovaniya po elektrokhimi i vodnykh rastvorov i rasplavov i amalgamnoy metallurgii (Research on the Electrochemistry of Water Solutions, Fusions and Amalgam Metallurgy) Alma-Ata, Izd-vo AN Kaz. SSR, 1958. 122 p. (Series: Its: Trudy, t. 3) 1,300 copies printed.

Ed.: V.V. Aleksandriyskiy; Tech. ed.: Z.P. Rorokina; Editorial Board of Series: I.I. Zabotin, V.M. Ilyushchenko, G.Z. Kir'yakov (Deputy Resp. Ed.), M.T. Kozlovskiy, (Resp. Ed.) and L.N. Sheludyakov.

PURPOSE: This book is intended for scientists and engineers in the electrochemical and nonferrous metal industries.

COVERAGE: This collection contains 14 reports by the Laboratories for Analytical Chemistry and Electrochemistry attached to the Institute of Chemical Sciences, Academy of Sciences, Kazakhstan Republic. The amalgam method of obtaining thallium from lead powder, the electrolysis of sulfate solutions of zinc and the impoverishment of waste slag during nickel production are described. The majority of articles have a practical nature and deal with problems of

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Research on the Electrochemistry of Water Solutions (Cont.) Sov/1699
developing and perfecting new electrochemical methods for the production of nonferrous metals.

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Kozlovskiy, M.T., S.P. Bukhman, M.V. Nosek, V.M. Ilyushchenko, P.I. Zabotin, and A.I. Zebreva. Electrolytic Decomposition of Amalgam During the Production of Thallium From Powders of the Chimkent Lead Plant	20

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Research on the Electrochemistry of Water Solutions (Cont.) 801/1699

Nosek, M.V., V.M. Ilyushchenko, and M.T. Kozlovskiy. Investigation of Potentials of Some Amalgam Metals During Anode Oxidation in a Sulfate-Ammonium Electrolyte.

29

Bukhman, S.P., and M.V. Nosek. Polarographic Method of Determining Indium

39

Zabotin, P.I., M.T. Kozlovskiy, and G.Z. Kir'yakov. Electrolysis of Sulfate Solutions of Zinc With a Mercury Cathode and a Low Content of Zinc in the Solution

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Shevtsova, N.K., and M.T. Kozlovskiy. The Use of Aluminum for Displacement of Metals From Water Solutions of Their Salts

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Kir'yakov, G.Z., and F.K. Bayniyetova. The Influence of Some Metal Ion Admixtures on the Cathode Process During the Electrolysis of Zinc Sulfate Solutions Under Conditions of High Current Density

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Card 3/4

Research on the Electrochemistry of Water Solutions (Cont.) 80V/1699

Kir'yakov, G.Z., F.K. Bayniyetova, and R.S. Vakhidov. Role of Manganese in the Zinc Electrodeposition Process

Vakhidov, R.S., and G.Z. Kir'yakov. Electrodeposition of Cadmium Under Conditions of High Current Densities

Dunayev, Yu. D., and G.Z. Kir'yakov. Lead-based Cermet Anodes

Bulakh, A.A., L.N. Sheludyakov, Yu. D. Dunayev, and G.Z. Kir'yakov. Impoverishment of Fused Waste Slag From the Production of Nickel by the Displacement Method. Part I.

Sheludyakov, L.N., and G.Z. Kir'yakov. Impoverishment of Fused Waste Slag From the Production of Nickel by the Displacement Method. Part II.

Sheludyakov, L.N., and G.Z. Kir'yakov. Impoverishment of Fused Waste Slag From the Production of Nickel by the Displacement Method. Part III.

AVAILABLE: Library of Congress

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ZABOTIN P. T. C.

PHASE I BOOK EXPLOITATION Sov/2216
Sovetschnaniye po elektrokhimi. 4th. Moscow, 1956.

Study...: Izobornik [Transactions of the Fourth Conference on Electrochemistry; Collection of Articles] Moscow, Izd-vo AN SSSR, 1959. 868 p. Errata slip inserted. 2,500 copies printed.
Sponsoring Agency: Akademiya Nauk SSSR. Otdeleniye kemiicheskikh nauk.

Editorial Board: A.N. Perminov (Resp. Ed.), Academician, O.A. Yesin, Professor, S.I. Zhdanov (Shop. Secretary), B.M. Kabanov, Professor, Ya. M. Kolotyrkin (Shop. Secretary), B.M. Kabanov, Professor, Lurovskiy, Professor, Doctor of Chemical Sciences V.V. Losenko, and G.M. Plotnikovich, Dr. of Chemical Sciences V.V. Stepanov, D. Tech. Ed., T.A. Prusakova, Dr. of Publishing House: N.O. Zagorova.

PURPOSE: This book is intended for chemical and electrical engineers, physicists, metallurgists and researchers interested in various aspects of electrochemistry.

COVERAGE: The book contains 127 of the 138 reports presented at the Fourth Conference on Electrochemistry sponsored by the Department of Chemical Sciences and the Institute of Physical Chemistry of the Academy of Sciences, USSR. The collection pertains to different branches of electrochemical kinetics, double layer theories and analysis. Abridged discussions are given on metal electrode and industrial electrolysis. The majority of reports not included have been published in periodical literature. References are given at the end of most of the articles.

Kuttevsky, Ya.

Institute: Institute of Physical Chemistry, Czechoslovak-Academy of Sciences, Survey of the Prague Polygraphic School

Nikolaev-Podgoritsch, Yu.V., and B.B. Dmashkin (Moscow State University). Influence of the Nature of "Background" Cations on the Reduction of Ferulate Anions at a Mercury Electrode

Zhdanov, S.I., V.I. Zykov, and T.V. Kalish (Institute of

Electrochemistry and Physics, Dresden School for Advanced

Studies). The Influence of Organic Solvents on Anode Oxidation and Reductive Potential of Organic Compounds 150

Zabotin, P.T., S.P. Bushman, and O.Z. Klyubnikova (Institute of Chemistry, Kazakh SSR). Influence of the Position of Chlorine Founds on the Reduction of Indium 159

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